

**LOOSELY COUPLED DATABASE CLUSTERS WITH CLIENT CONNECTION  
FAIL-OVER**

**ABSTRACT OF THE DISCLOSURE**

Aspects of embodiments of the present disclosure include a highly available database cluster employing replication between two or more data files. The cluster also can maintain a connection with potentially geographically remote client application programs, including non-fault tolerant application programs, even in the event of one of the database management systems (DBMS) of the cluster becoming unavailable.

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